

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L3 and (secure or private)	18

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** **Thursday, August 22, 2002** [Printable Copy](#) [Create Case](#)**Set Name** **Query**
side by side**Hit Count** **Set Name**
result set*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<u>L6</u>	L3 and (secure or private)	18	<u>L6</u>
<u>L5</u>	L3 and secure	17	<u>L5</u>
<u>L4</u>	L2 and set-top near5 box	7	<u>L4</u>
<u>L3</u>	L2 and set-top same box	19	<u>L3</u>
<u>L2</u>	L1 and data near5 collect\$	934	<u>L2</u>
<u>L1</u>	market and research and rat\$ near5 system	2443	<u>L1</u>

END OF SEARCH HISTORY

WEST

Generate Collection

Print

L3: Entry 5 of 19

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032904
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020032904 A1

TITLE: Interactive system and method for collecting data and generating reports regarding viewer habits

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lerner, David S.	Boca Raton	FL	US	

APPL-NO: 09/ 865319 [PALM]
DATE FILED: May 25, 2001

RELATED-US-APPL-DATA: *** TEST ***

Application is a non-provisional-of-provisional application 60/206648, filed May 24, 2000,

INT-CL: [07] H04 N 7/173, H04 N 7/16

US-CL-PUBLISHED: 725/14; 725/134, 725/110

US-CL-CURRENT: 725/14; 725/110, 725/134

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

The present invention relates to a system and method for collecting and transmitting data concerning the viewing habits of a viewer. The present invention instantaneously records the data concerning the viewing habits of the viewer while he or she watches programming on a television or streaming media on a conventional personal computer (PC) monitor.

[0001] Cross Reference to Related Applications

[0002] This is a regular non-provisional application which claims priority to provisional application Serial No.60/206,648, filed May 24, 2000.

WEST☐

Generate Collection

Print

L3: Entry 8 of 19

File: USPT

Jun 11, 2002

US-PAT-NO: 6405370

DOCUMENT-IDENTIFIER: US 6405370 B1

TITLE: Television audience monitoring system and method employing tuner interface of
set-top converter box

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jarrell; Lester L.	Lakeside	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
ADcom Information Services, Inc.	Escondido	CA			02

APPL-NO: 09/ 169056 [PALM]

DATE FILED: October 9, 1998

INT-CL: [07] H04 N 7/16

US-CL-ISSUED: 725/14; 725/18

US-CL-CURRENT: 725/14; 725/18

FIELD-OF-SEARCH: 348/1, 348/10, 348/5.5, 455/2, 725/14, 725/15, 725/18

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4599644</u>	July 1986	Fischer	358/84
<input type="checkbox"/>	<u>4605958</u>	August 1986	Machnik et al.	358/84
<input type="checkbox"/>	<u>4613904</u>	September 1986	Lurie	358/142
<input type="checkbox"/>	<u>4642685</u>	February 1987	Roberts et al.	358/84
<input type="checkbox"/>	<u>4764808</u>	August 1988	Solar	358/84
<input type="checkbox"/>	<u>4847685</u>	July 1989	Gall et al.	358/84
<input type="checkbox"/>	<u>4907079</u>	March 1990	Turner et al.	358/84
<input type="checkbox"/>	<u>4912552</u>	March 1990	Allison, III et al.	358/84
<input type="checkbox"/>	<u>5294981</u>	March 1994	Yazolino et al.	348/4
<input type="checkbox"/>	<u>5305464</u>	April 1994	Frett	455/2
<input type="checkbox"/>	<u>5329370</u>	July 1994	Yazolino et al.	548/734
<input type="checkbox"/>	<u>5374951</u>	December 1994	Welsh	348/4
<input type="checkbox"/>	<u>5382970</u>	January 1995	Kiefl	348/1
<input type="checkbox"/>	<u>5450122</u>	September 1995	Keene	348/1
<input type="checkbox"/>	<u>5495282</u>	February 1996	Mostafa et al.	348/5
<input type="checkbox"/>	<u>5689799</u>	November 1997	Dougherty et al.	455/2
<input type="checkbox"/>	<u>5872588</u>	February 1999	Aras	348/1
<input type="checkbox"/>	<u>5880768</u>	March 1999	Lemmons et al.	348/1
<input type="checkbox"/>	<u>5881360</u>	March 1999	Fong	455/2
<input type="checkbox"/>	<u>5945988</u>	August 1999	Williams et al.	348/10
<input type="checkbox"/>	<u>6112053</u>	August 2000	Dunki-Jacobs et al.	455/2
<input type="checkbox"/>	<u>6184918</u>	February 2001	Goldschmidt-Iki et al.	348/1
<input type="checkbox"/>	<u>6202210</u>	March 2001	Ludtke	

FOREIGN REFS GROUP (TEST)

24 52 926 19760500 DE
 3401 762 19850800 DE
 37 42 426 19890600 DE
 0 064 847 19821100 EP
 0 127 068 19841200 EP
 0 430 711 A2 19910600 EP
 0 687 083 19951200 EP
 0 763 950 19970300 EP
 2 555 383 19850500 FR
 2 717 025 19950900 FR
 2 738 977 19970300 FR
 2206253 19881200 GB
 WO 91/11062 19910700 WO
 WO 94/14284 19940600 WO
 WO 97/45973 19971200 WO
 WO98/31114 19980700 WO

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	ISSN-DATE	COUNTRY	US-CL
24 52 926	May 1976	DE	
3401 762	August 1985	DE	
37 42 426	June 1989	DE	
0 064 847	November 1982	EP	
0 127 068	December 1984	EP	
0 430 711 A2	June 1991	EP	
0 687 083	December 1995	EP	
0 763 950	March 1997	EP	
2 555 383	May 1985	FR	
2 717 025	September 1995	FR	
2 738 977	March 1997	FR	
2206253	December 1988	GB	
WO 91/11062	July 1991	WO	
WO 94/14284	June 1994	WO	
WO 97/45973	December 1997	WO	
WO98/31114	July 1998	WO	

ART-UNIT: 2611

PRIMARY-EXAMINER: Kostak; Victor R.

ABSTRACT:

A tuner interface device and method for determining a currently tuned-to channel of a set-top converter box having an electronic tuner that is addressable over a bus within the set-top converter box. The tuner interface device includes an electrical connection to the electronic tuner and a controller. The controller monitors communications over the bus for a unique identifier of the tuner and for commands to change channels that follow the unique identifier. When the unique identifier is received and it is verified that the commands to the tuner are to change a channel, the controller generates information representative of the new tuned-to channel for use by downstream components. The information representative of the tuned channel may be output as an ASCII value representative of the currently tuned-to channel. The tuner interface may be part of a viewership metering system when used in conjunction with a viewership collection meter to determine viewer habits.

20 Claims, 5 Drawing figures